REMARKS

Please reconsider the application in view of the above amendments and the following remarks. Applicant thanks the Examiner for carefully considering this application.

Disposition of Claims

Claims 1-10 were pending in this application. By way of this reply, new claims 11-18 have been added by this reply. Thus, claims 1-18 are currently pending. Claims 1 and 8-10 are independent. The remaining claims depend, directly or indirectly, from claims 1 and 8-10.

Claim Amendments

Independent claims 9-10 have been amended to recite a computer readable medium as suggested by the Examiner. Support for these amendments may be found, for example, in paragraphs [0064]-[0070] of the U.S. Patent Application Publication No. US 2006/0101182[1] ("Published Specification").

Further, new dependent claims 11-18 has been added by this reply. Support for new dependent claims 11-18 may be found, for example, in paragraphs [0031] and [0032] of the Published Specification. No new matter has been added by any of the aforementioned amendments or the new claims.

~~wherein the computer executable instructions stored in~~ the auxiliary device to perform[[s]] a first enumeration of [[its]] at least one of the plurality of functionalities and a second enumeration of at least one of the plurality of functionalities to the main device; [[and]]

wherein the second enumeration hides ~~those of it's~~ the ones of the plurality of functionalities for which the main device is not arranged to handle.

10. (Currently Amended) A computer ~~program product~~ readable storage medium, comprising instructions, that when executed cause the performance ~~for a data processing system comprising instructions encoded thereon to perform the steps~~ of a method ~~when the instructions are loaded into the data processing~~ device, the method comprising:

a main device and an auxiliary device arranged to co-operate with each other, the main device being arranged to handle one or more functionalities, the auxiliary device being arranged to effect one or more functionalities;

wherein the method comprises an adaptation step, in which the auxiliary device performs a first enumeration of its functionalities;

wherein the method further comprises an enumeration step in which the auxiliary device performs a second enumeration of its functionalities to the main device; and

wherein the second enumeration hides those of its functionalities for which the main device is not arranged to handle.

11. (New) The method according to claim 1, wherein the functionalities are services available on the auxiliary device.

12. (New) The method according to claim 11, wherein at least one of the services is required to run an application on the main device.

13. (New) The system according to claim 8, wherein the functionalities are services available on the auxiliary device.

Rejection(s) under 35 U.S.C § 101

Claims 9-10 stand rejected under 35 U.S.C. § 101 as being directed to non-statutory subject matter. Claims 9-10 have been amended in accordance with the Examiner suggestions. (*see* Office Action mailed March 27, 2007, p. 2). Thus, claims 9-10 now satisfy 35 U.S.C. § 101. Accordingly, withdrawal of this rejection is respectfully requested.

Rejection(s) under 35 U.S.C § 103

Claims 1-4, 6-10

Claims 1-4, 6-10[2] stand rejected under 35 U.S.C. § 103 as being unpatentable over U.S. Patent No. 6,754,725 ("Wright")[3] in view of U.S. Patent Application Publication No. 2002/0178316 ("Schmisseur"). For the reasons set forth below, the rejection is respectfully traversed.

"To establish a *prima facie* case of obviousness "…the prior art reference (or references when combined) must teach or suggest all the claim limitations" (*see* MPEP §2143.03). Further, "all words in a claim must be considered in judging the patentability of that claim against the prior art." (*see* MPEP §2143.03). The Applicant respectfully asserts that Wright and Schmisseur, whether considered separately or in combination, fail to teach or suggest all the limitations of independent claims 1, 8, 9, and 10.

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[1] U.S. Patent Application Publication No. US 2006/0101182 is the published version of the original filed application Serial No. 10/521,084.

[2] Although the Examiner asserts claims 1-4, 6, and 8-10 are rejected under 35 USC § 103, the Examiner refers to claim 7 in the Office Action mailed on March 27, 2007 on page 6. Accordingly, applicant assumes claim 7 is rejected under 35 USC § 103 as well.

Wright fails to teach or suggest a first enumeration

Independent claim 1 requires, in part, "wherein the method comprises an adaptation step, in which the auxiliary device performs a first enumeration of its functionalities to the main device." Independent claims 8, 9, and 10 include similar limitations. The above limitation requires that the auxiliary device provide a listing of services (*i.e.,* functionalities) to the main device. (*See e.g.,* Published Specification, [0039]). In contrast, the "enumeration" disclosed by Wright is limited to transferring description information. The description information, as disclosed in Wright, is merely used to identify the device from which it was obtained by does not indicate which services the devices provides. (*See e.g.,* Wright, col. 4, l.63- col. 5, l.10). In view of the above, it is clear that the Wright fails to teach or suggest a first enumeration as recited in independent claims 1, 8, 9, and 10.

Schmisseur fails to teach or suggest an auxiliary device performing the second enumeration step

Independent claim 1 requires, in part, "wherein the method further comprises an enumeration step in which the auxiliary device performs a second enumeration of *its* functionalities to the main device; and wherein the second enumeration hides from the main device at least those of *its* functionalities for which the main device is not arranged to handle." Emphasis added. Independent claims 8, 9, and 10 include similar limitations. The above limitation requires that the auxiliary device enumerate its (*i.e.,* the auxiliary device's) functionalities to the main device, where the only the functionalities the main device is able to handle are enumerated (*i.e.,* listed). (*See e.g.,* Published Application, [0047]). Said another way, the above limitation requires that the auxiliary

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[3] In the Office Action mailed on March 27, 2007, the Examiner cited U.S. Patent No. 6,754,725 to Write, however, U.S.

device send a list (*i.e.*, an enumeration) of the services the auxiliary device is configured to perform and/or provide.

Turning to the Examiner's rejection, the Examiner admits "Wright does not disclose a second enumeration [that] hides from the main device at least those of its functionalities for which the main device is not arranged to handle" (Office Action mailed March 27, 2007, p. 3). Instead, the Examiner relies upon Schmisseur to disclose that which Wright lacks. The Applicant respectfully disagrees with the Examiner's reliance on Schmisseur.

Specifically, Schmisseur is directed to a system and method of configuring device functions of a peripheral device to communicate with multiple processing systems. In particular, referring to Fig. 1 of Schmisseur, the Examiner equates the I/O processor (14) with an auxiliary device and then proceeds to assert that the enumeration performed by the I/O processor is equivalent to second enumeration recited in the claims. (Office Action mailed March 27, 2007, p. 4).

A review of Schmisseur reveals that the I/O processor (14) does not enumerate its own functionality; rather, the I/O processor (14) enumerates the functionality of a separate peripheral device to which it is connected. (*See* Schmisseur, Fig. 1, [0022], and [0025]). In view of the above, Schmisseur fails to teach or suggest the second enumeration recited in the independent claims.

In view of the above, Wright and Schmisseur, whether considered separately or in combination, fail to teach or suggest all the limitations recited in independent claims 1, 8, 9, and 10. Thus, independent claims 1, 8, 9, and 10 are patentable over the cited references. Dependent claims are patentable over the cited references for at least the following reasons. Accordingly, withdrawal of this rejection is respectfully requested.

Patent No. 6,754,725 is actually credited to Wright.

Claim 5

Claim 5 stands rejected under 35 U.S.C. § 103 as being unpatentable over Wright in view of Schmisseur, and further in view of U.S. Patent No. 6,738,834 ("Williams"). Claim 5 depends from independent claim 1. To the extent that this rejection applies to independent claim 1, the rejection is respectfully traversed.

As discussed above, Wright and Schmisseur, whether considered separately or in combination, fail to teach or suggest all the limitations of independent claim 1. Further, Williams does not teach that which Wright and Schmisseur lack. This is evidenced by the fact that Williams is only relied upon to teach "simulating a disconnect and reconnect of the auxiliary device," (*see* Office Action mailed March 27, 2007, p. 7). Williams is directed to methods for dynamically configuring and reconfiguring peripheral devices (*see* Williams, col. 1, ll. 12-13). Williams is completely silent with respect to an auxiliary device that performs a second enumeration, which hides functionalities that a main device is not arranged to handle. Accordingly, independent claim 1 is patentable over Wright, Schmisseur, and Williams. Dependent claim 5 is patentable for at least the same reasons. Accordingly, withdrawal of this rejection is respectfully requested.

New Claims

New claims 11-12 depend, directly or indirectly, from independent claim 1. New claims 13-14 depend, directly or indirectly, from independent claim 8. New claims 15-16 depend, directly or indirectly, from independent claim 9. New claims 17-18 depend, directly or indirectly, from independent claim 10. Accordingly, dependents claim 11-18 are patentable over the cited references for at least the same reasons as independent claims 1, 8, 9, and 10, respectively. Further,
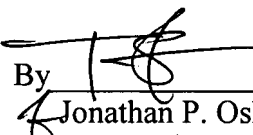
none of the cited references teach or suggest the enumeration (*i.e.,* listing) of services available an

auxiliary device or that the services are required to run an application on the main device.

Accordingly, favorable action in the form of a Notice of Allowability is respectfully requested.

Conclusion

Applicant believes this reply is fully responsive to all outstanding issues and places this

application in condition for allowance. If this belief is incorrect, or other issues arise, the Examiner

is encouraged to contact the undersigned or his associates at the telephone number listed below.

Please apply any charges not covered, or any credits, to Deposit Account 50-0591 (Reference

Number 09669/043001).

Dated: June 27, 2007   Respectfully submitted,

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